

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-31 (canceled).

32. (new) A method for improving the transmission efficiency of a short data burst (SDB) in a CDMA telecommunications network, the method comprising the steps of:

generating an SDB comprising:

a service reference identifier;

a service option identifier;

a multi-bit reserve field; and

a data block;

designating a single bit within said multi-bit reserve field as a service option identifier omit indicator; and

thereafter transmitting the SDB with or without the service option identifier in response to a state of said designated single bit within said multi-bit reserve field.

33. (new) The method of claim 32 wherein the steps are performed by a base station.

34. (new) The method of claim 32 wherein the steps are performed by a mobile station.

35. (new) A short data burst comprising:

a service reference identifier;

a service option identifier;

a multi-bit reserve field;

a single bit within said multi-bit reserve field designated as a service option identifier omit indicator;

a data block.

36. (new) A mobile station comprising:

a processor:

code executable by the processor for generating a short data burst (SDB) comprising:

a service reference identifier;

a service option identifier;

a multi-bit reserve field;

a single bit within said multi-bit reserve field designated as a service option identifier omit indicator; and

a data block; and

code executable by the processor for transmitting the SDB with or without the service option identifier in response to a state of said designated single bit within said multi-bit reserve field.